



STATE OF UTAH
DEPARTMENT OF HEALTH

NORMAN H. BANGERTER, GOVERNOR

SUZANNE DANDROY, M.D., M.P.H., EXECUTIVE DIRECTOR

June 9, 1986
533-6146

FILE COPY

Mr. M.C. Godbe, III
1012 Newhouse Building
Salt Lake City, Utah 84111

RE: Sevier Lake Project
Dike Approval

Dear Mr. Godbe:

We have reviewed the proposal submitted concerning the construction of an east-west dike across the Sevier Lake which will divide the lake into two distinct bodies of water. The purpose of the dike is to keep water flowing from the Sevier River in the north half of the lake so the south half can be evaporated and subsurface brine exploration can be resumed. As there are no modifications to the natural evaporation process which has been occurring at the Sevier Lake we have no comments concerning the construction of this dike.

The top of the dike will be at 4527.0 feet elevation and the maximum north lake elevation will be 4523.0 feet elevation controlled by a wooden weir structure which will allow a maximum of 500 cubic feet per second of water to flow from the north lake to the south lake. Bringing the north portion of the Sevier Lake to the 4523.0 feet elevation level should not create any adverse impacts because this is the old Sevier Lake Beach level. It is our understanding that no buildings, roads or other improvements will be affected by this change.

However, the Corp of Engineers should be contacted to inform them of the proposed action so they can determine if a 404 permit is required. Please contact Mr. Brooks Carter of the Salt Lake office of the Corp of Engineers at 524-6015 so this determination can be made.

We understand that future aspects of this project will include a brine extraction pilot plant and a full scale brine extraction operation. Please be advised that plans and specifications for these operations need to be submitted to the Bureau of Water Pollution Control for review and approval prior to beginning construction.

KENNETH L. ALKEMA, DIRECTOR • DIVISION OF ENVIRONMENTAL HEALTH

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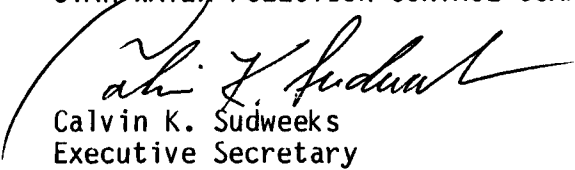
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Also be advised that before any injection into the subsurface can take place a set of plans and specifications must be submitted to the Bureau of Water Pollution Control for review and approval.

Please call Mr. Charlie Dietz of our staff if there are any questions.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE



Calvin K. Sudweeks
Executive Secretary

cc: Roger Foisey

CGD/jm/jgh
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